

Combined Declaration for Patent Application and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **ACRYL-SILICONE HYBRID IMPACT MODIFIERS AND METHOD FOR PREPARING THE SAME AND VINYL CHLORIDE RESIN COMPOSITIONS HAVING THE SAME**, the specification of which

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|-------------|-------------------------------------|--|
| (check one) | <input type="checkbox"/> | is attached hereto. |
| | <input checked="" type="checkbox"/> | was filed on <u>May 13, 2004</u> as Application Serial No. <u>PCT/KR2004/001113</u> and (if applicable) was amended on: _____ |

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) | | | Priority Claimed | |
|------------------------------|-------------------|----------------------|------------------|----|
| Number | Country | Day Month Year Filed | YES | NO |
| 10-2003-0053585 | Republic of Korea | 02/08/2003 | O | |
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulation, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Application Serial No. | Filing Date | Status- patented, pending, abandoned |
|------------------------|-------------|--------------------------------------|
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys, and/or agents with full power of substitution, association, and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith.

CUSTOMER NUMBER 23413

ADDRESS ALL CORRESPONDENCE TO:


CANTOR COLBURN LLP
55 Griffin Road South
Bloomfield, CT 06002, USA
PTO Customer No. 23413

DIRECT ALL TELEPHONE CALLS TO:

Michael A. Cantor
Philmore H. Colburn II
(860) 286-2929
Facsimile (860) 286-0115

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issued thereon.

| | | |
|---|-----------------------|-------------|
| Full Name of Sole or First Inventor | Inventor's Signature | Date |
| LEE, Kwang-jin | <i>Lee Kwang-jin</i> | 2005. 9. 14 |
| Residence | Citizenship | |
| Dongjin Juteak 102, Yongho 3-dong, Nam-gu, Busan 608-093 Republic of Korea | Republic of Korea | |
| Post Office Address | | |
| Same as the above | | |
| Full Name of Second Joint Inventor, If Any | Inventor's Signature | Date |
| AHN, Jeong-heon | <i>Ahn Jeong-heon</i> | 9/14/05 |
| Residence | Citizenship | |
| Hyangnim Hyundai Apt. 103-1001, Seokhyeon-dong, Suncheon 540-758 Republic of Korea | Republic of Korea | |
| Post Office Address | | |
| Same as the above | | |

| | | |
|--|---|-----------|
| Full Name of Third Joint Inventor, If Any | Inventor's Signature | Date |
| LEE, Hye-kyong |  | 2005.9.14 |
| Residence | Citizenship | |
| Jinsung Apt. 301, Bongdong-eup 834-1, Wanju-gun, Jeollabuk-do 565-900 Republic of Korea | Republic of Korea | |
| Post Office Address | | |
| Same as the above | | |

PATENTS ONLY

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APR 9 2006 PCT/PTO 01 FEB 2006

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kwang-jin LEE
Jeong-heon AHN
Hye-kyong LEE

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: LG CHEM, LTD.

Address: LG Twin Tower, East Tower, 20

Yeouido-dong, Yeongdeungpo-gu

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 9-14-2005

City: Seoul

State/Prov.:

Country: KOREA

ZIP: 150-721

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 9-14-2005

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Soonja Bae

Registration No. Limited Recognition No. L0017

Address: Cantor Colburn LLP

55 Griffin Road South

City: Bloomfield

State/Prov.: CT

Country: USA

ZIP: 06002

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

06-1130

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Soonja Bae

Name of Person Signing

Signature

February 1, 2006

Date

3

Total number of pages including cover sheet, attachments, and document:

ASSIGNMENT

WHEREAS We, **LEE, Kwang-jin of Dongjin Juteak 102, Yongho 3-dong, Nam-gu, Busan 608-093 Republic of Korea; AHN, Jeong-heon of Hyangnim Hyundai Apt. 103-1001, Seokhyeon-dong, Suncheon 540-758 Republic of Korea; LEE, Hye-kyong of Jinsung Apt. 301, Bongdong-eup 834-1, Wanju-gun, Jeollabuk-do 565-900 Republic of Korea** (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

ACRYL-SILICONE HYBRID IMPACT MODIFIERS AND METHOD FOR PREPARING THE SAME AND VINYL CHLORIDE RESIN COMPOSITIONS HAVING THE SAME

which claims priority to **Korean Application No. 10-2003-0053585**, filed on **August 02, 2003**, and for which We are about to file an application for Letters Patent of the United States;

AND WHEREAS, **LG CHEM, LTD.** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of **Republic of Korea**, having a place of business at **LG CHEM, LTD. LG Twin Tower, East Tower 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, Korea**, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof,

to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 2005. 9. 14 lee kwang jin L.S.
LEE, Kwang-jin

Date: 2005. 9. 14. Ahn Jeong-heon L.S.
AHN, Jeong-heon

Date: 2005. 9. 14 LEE Hye-kyong L.S.
LEE, Hye-kyong